

Engineering Standard

SAES-O-127

12 October, 2005

Tank Spacing – Dikes and Drainage

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Saudi Aramco DeskTop Standards

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1 General

This standard refers to Tank Spacings, Diking and Drainage requirements for Saudi Aramco's vital industrial facilities per [SAES-O-100](#), paragraph 1.3. This Standard shall be used in conjunction with Safety and Security Directive No. 27 (SSD/27) of the Saudi Arabian Government Supreme Commission for Industrial Security.

2 Amendments

Safety and Security Directive No. 27 has not been amended by the Supreme Commission for Industrial Security.

3 Commentary

Certain clarifications have resulted from applying this standard to Saudi Aramco projects. The following items reflect a general understanding reached with representatives of the Supreme Commission for Industrial Security and should be verified through liaison by the Proponent with the General Manager of Industrial Security Operations. The GM of ISO will contact the Managers of the Consulting Services Department and/or Loss Prevention Department in case there are conflicts with other company engineering standards and materials specifications, standard drawings or Industry Codes.

- 3.1 Liaison among the Proponent, the Saudi Aramco Industrial Security Department, Operations, and Loss Prevention is needed to satisfy the requirements of this standard.
- 3.2 Tank Spacing and Dikes shall be designed in accordance with [SAES-B-005](#) as amended by SSD/27.
- 3.3 Reference Standards (Latest Edition)

Saudi Aramco Engineering Standards

SAES-B-001 Thru 99	<i>Fire and Safety Standards</i>
SAES-B-005	<i>Spacing and Diking for Atmospheric and Low-Pressure Tanks</i>
SAES-O-100	<i>Safety and Security, General Requirements</i>
SAES-O-118	<i>Fire Fighting Equipment</i>

Safety and Security Directive

SSD/27	<i>Spacing/Dikes and Drainage</i>
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Revision Summary

12 October, 2005

Revised the "Next Planned Update". Reaffirmed the contents of the document, and reissued with no other changes.